



MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

Black Mountain Door, LLC
310 Flint Drive,
MT. Sterling, KY. 40353

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "Firedoor 1210" Steel Storefront System w/ Steel reinforcements-Impact

APPROVAL DOCUMENT: Drawing No. W02-47 Rev I titled "Firedoor series 1210 Steel Storefront Sys."

Sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, dated 05-13-02 and last revised on SEP 05, 2012, signed and sealed by Javad Ahmad, P. E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

Limitation:

1. See mullion load capacity per sheet 2 and glass type & capacity per sheet 3. Lower capacity shall control.
2. Series Firedoor by Black Mountain Door, LLC under separate NOA, when installed as part of storefront, lower capacity of door or storefront shall control.
3. Glass lite wider than 36" shall be supported by approved setting blocks per FBC requirements.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises & renews** NOA # 09-0923.14 (Former Firedoor by Amweld Inteernational, LLC) and consists of this page 1 and evidence pages E-1 & E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**

MIAMI-DADE COUNTY
APPROVED

NOA No. 12-0323.09

Expiration Date: November 21, 2017

Approval Date: September 13, 2012

Page 1

9/15/12

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections (transferred from file # **09-0923.14**)
2. Drawing No. **W02-47 Rev I** titled "Firedoor series 1210 Steel Storefront Sys." Sheets 1 through 7 of 7, prepared by Al-Farooq Corporation, dated 05-13-02 and last revised on SEP 05, 2012, signed and sealed by Javad Ahmad, P.E.

Note: This revision consists of FBC 2010 notes & company name change only.

B. TESTS (transferred from file # **09-0923.14)**

1. Test reports on
 - 1) Air Infiltration Test, per FBC TAS 202-94
 - 2) Uniform Static Air Pressure Test Loading per FBCTAS 202-94
 - 3) Water Resistance Test, per FBC TAS 202-94
 - 4) Large Missile Impact Test, FBC TAS 201-94
 - 5) Cyclic Loading Test, per FBC TAS 203-94

Along with installation diagram of steel storefront system, marked-up by Fenestration Testing Laboratories, Inc. Test Reports Nos. **FTL 2801 (FTL00124)**, dated 12/06/00, signed and sealed by Antonio Acevedo, P.E.

2. Additional test report No. **FTL 5237**, dated 08-0907, issued by Fenestration Testing lab per TAS 201, 202 and 203-94, signed and sealed by Carlos S. Rionda, P.E.

C. CALCULATIONS

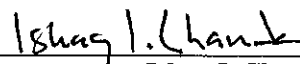
1. Anchor verification dated June 24, 2009 and last revised on March 10, 2010, prepared by Al-Farooq Corporation, complying w/ FBC 2007, signed and sealed by Javad Ahmad, P.E.(submitted under file # **09-0923.14**).
2. Glazing complies per ASTM E-1300-02 &-04

D. QUALITY ASSURANCE

1. Miami Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. 08-0709.04 issued to Glasslam N. G. I. , dba Nebula Glass Inc., for "Safety Plus II", expiring on 08/07/2013.
2. Notice of Acceptance No. 07-1116.11 issued to SAFGLAS, Inc., for "SAF-GLAS Polycarbonate laminate", expiring on 12/16/2012
3. Tensile test report prepared by Fenestration Testing Laboratories Inc., report No. FTL04033 (4038-A), dated July 22, 2004 for Steel samples, tested per ASTM E-A370-97-a, signed and sealed by Edmundo Largaespada, P.E.
4. Notice of Acceptance No. **11-0926.07** issued to Dyplast Product, LLC (Former Apache Products Company) for "EPS-Expanded Polystyrene Insulation", expiring on 01/11/17.



Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 12-0323.09

Expiration Date: November 21, 2012
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F. STATEMENTS

1. Statement letter of conformance to FBC 2010 and letter of no financial interest, prepared by Al Farooq Corporation, dated 03/14/12, signed and sealed by Javad Ahmad, P.E.
2. Statement letter of compliance, as part of above referenced test report, issued by Fenestration testing laboratory.
3. Official "Black Mountain Door" press release dated June 21, 2012 stating acquiring the assets, technology, "FiredoorTM" brand and intellectual properties of Amweld International.
4. Statement letter dated May 08, 2012 stating acquiring all the assets of Amweld international, issued by Black Mountain door, signed by Jason W. Lisewski, V.P. Black Mountain Door.
5. Statement letter dated January 26, 2012 issued by Amweld International, LLC of notification of the assets of Amweld International was purchased by American Doors, LLC DBA Black Mountain Door, Mt. Sterling, KY, signed by David Earnshaw, trustee for Amweld International.
6. Copy of certificate of formation of "American Doors, LLC" issued by State of Delaware dated 10-11-11, signed by Jeffery W. Bullock, Secretary of State.
7. Copy of certificate of Amendment of "American Doors, LLC" changing name to "Black Mountain Door, LLC", issued by State of Delaware dated 06-20-12, signed by Jeffery W. Bullock, Secretary of State.

G. OTHER

1. This NOA **revises & renews** NOA # **09-0923.14**, expired on November 21, 2012.
2. Test Proposal # 06-0307, dated 08/02/06, approved by BCCO.
3. E-mail response dated July 10 & 11, 2012 & documents from Mr. J. Lisewski, V.P. Black Mountain Door.



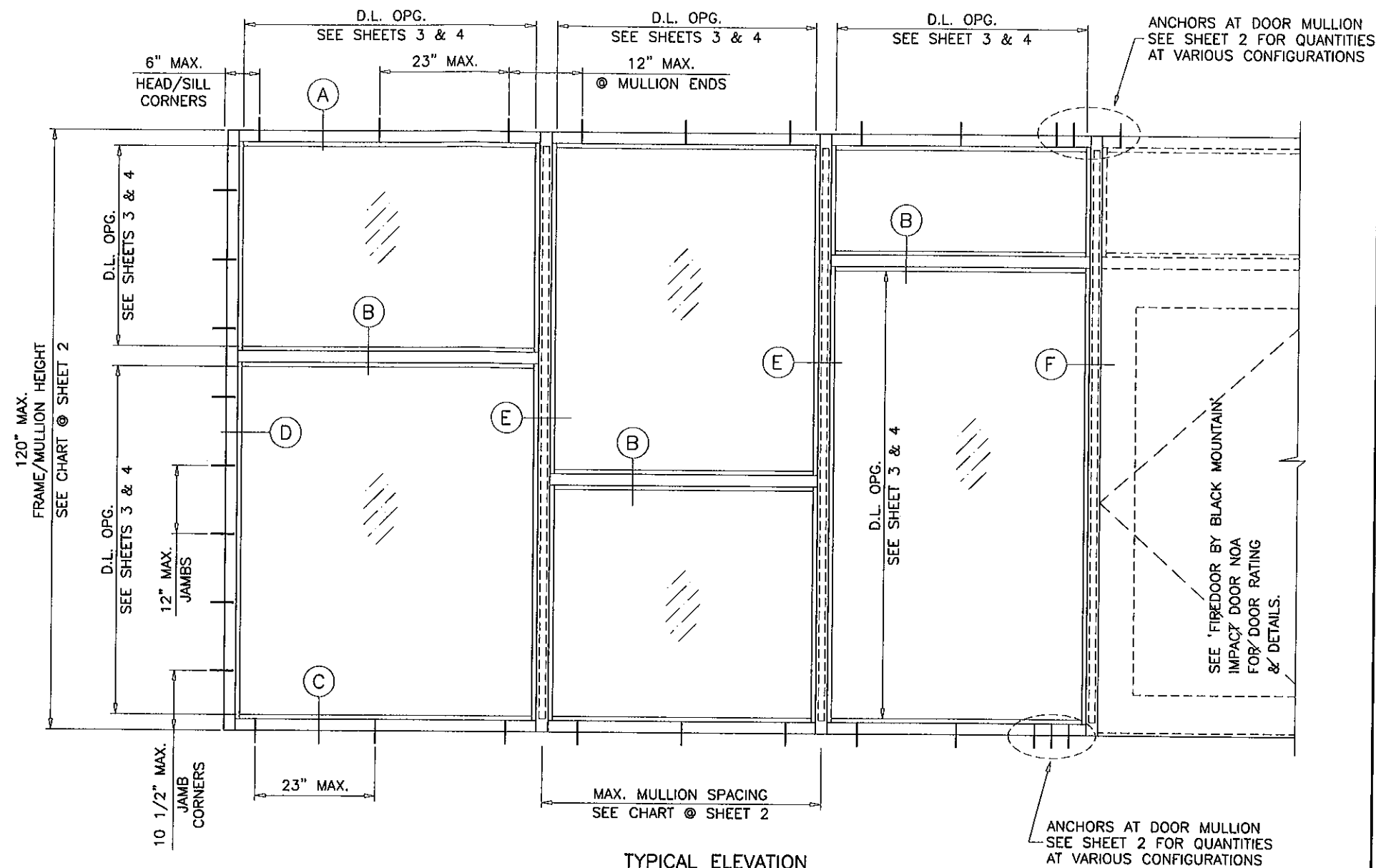
Ishaq I. Chanda, P.E.

Product Control Examiner

NOA No 12-0323.09

Expiration Date: November 21, 2012

Approval Date: September 13, 2012



STOREFRONT SYSTEM IS RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

FIREDOOR SERIES 1210-IG STEEL STOREFRONT SYSTEM

THIS SYSTEM MAY BE USED IN CONJUNCTION WITH MIAMI-DADE COUNTY APPROVED ENTRANCE DOORS BY 'AMWELD INTL.'.

CODE REQUIREMENTS FOR SAFEGUARDS MUST BE OBSERVED.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

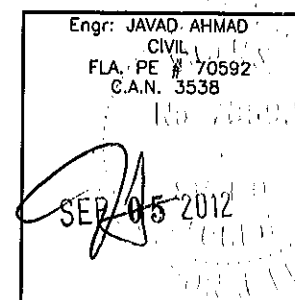
MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BLDG. CODE SECTION 2003.8.4.

INSTRUCTIONS:

USE CHARTS AS FOLLOWS.

- STEP 1** DETERMINE DESIGN WIND LOAD REQUIREMENTS BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7 STANDARD.
- STEP 2** CHECK MULLION CAPACITY FOR A GIVEN SPACING AND HEIGHT USING CHARTS ON SHEET 2
THE CAPACITY SHOULD EXCEED THE DESIGN LOAD.
- STEP 3** SEE CHARTS ON SHEETS 3 FOR DESIGN LOAD CAPACITY OF DESIRED GLASS SIZE.
- STEP 4** THE LOWEST VALUE RESULTING FROM STEPS 2 AND 3 SHALL APPLY TO ENTIRE SYSTEM.

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 12-0323-09
Expiration Date NOV 21, 2017
By: Ishaq I. Chandra
Product Control



af c

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978

FIREDOOR SERIES 1210 STEEL STOREFRONT SYS.
BLACK MOUNTAIN DOOR, LLC.
310 FLINT DRIVE
MT. STERLING, KY 40353
TEL. (855) 370-4580 FAX. (859) 762-0852

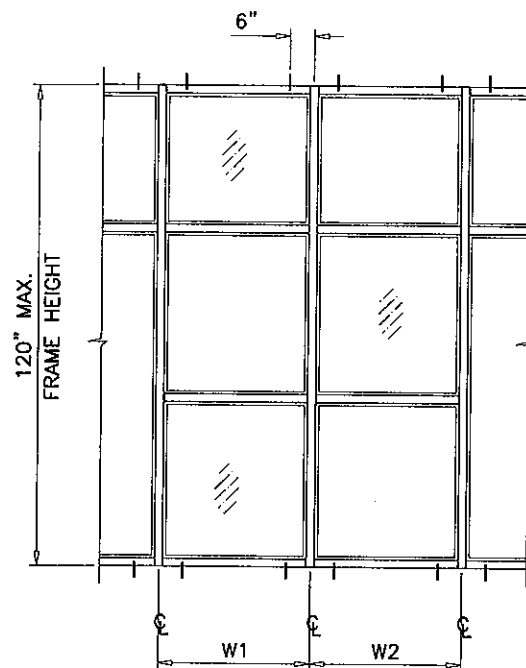
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	F	06.08.09		UPDATED FOR 2007 FBC
	G	02.22.10		REV. PER BOCO COMMENTS
	H	03.15.12		UPDATED TO 2010 FBC
	I	07.27.12		NO CHANGE THIS SHEET

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dr. by: HAMID
chk. by:

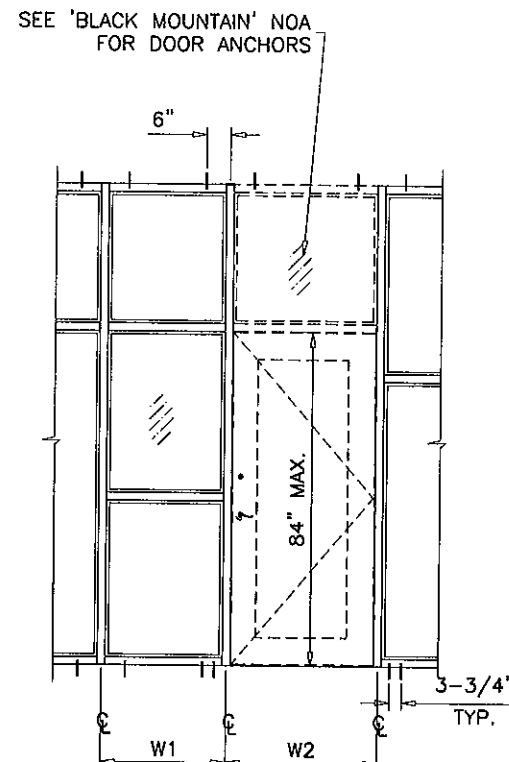
drawing no.
W02-47

sheet 1 of 7

STORE W02-47FDC

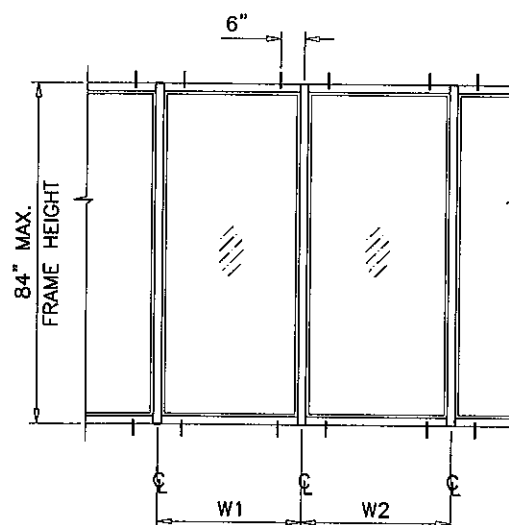


$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$



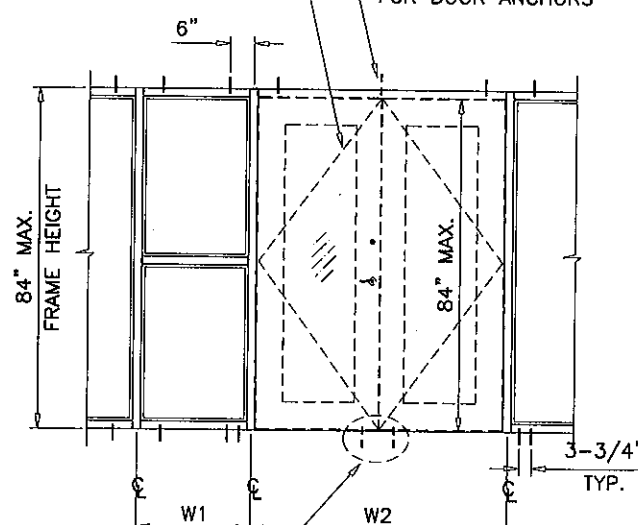
$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$

MULLION LOAD CAPACITY - PSF		
NOMINAL DIMS.		MULLION
WIDTH (W)	FRAME HT.	EXT.(+) & INT.(-)
36"	84"	75.0
39"		69.2
42"		64.3
45"		60.0
48"		56.3
51"		52.9
36"	90"	75.0
39"		69.2
42"		64.3
45"		60.0
48"		56.3
36"	96"	75.0
39"		69.2
42"		64.3
45"		60.0
48"		56.3
36"	102"	75.0
39"		69.2
42"		64.3
45"		60.0
48"		56.3
36"	108"	75.0
39"		69.2
42"		64.3
45"		60.0
48"		56.3
36"	114"	75.0
39"		69.2
42"		64.3
45"		60.0
48"		56.3
36"	120"	75.0
39"		69.2
42"		64.3
45"		60.0
48"		56.3



$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$

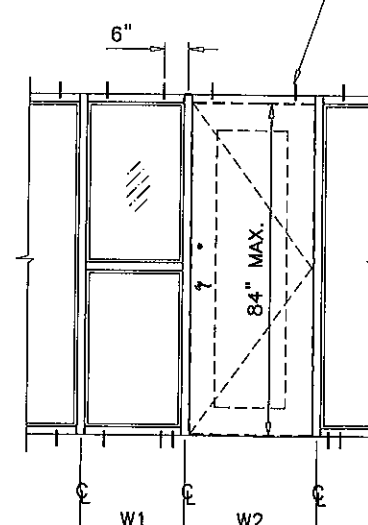
'BLACK MOUNTAIN' ENTRANCE DOOR
SEE SEPARATE NOA



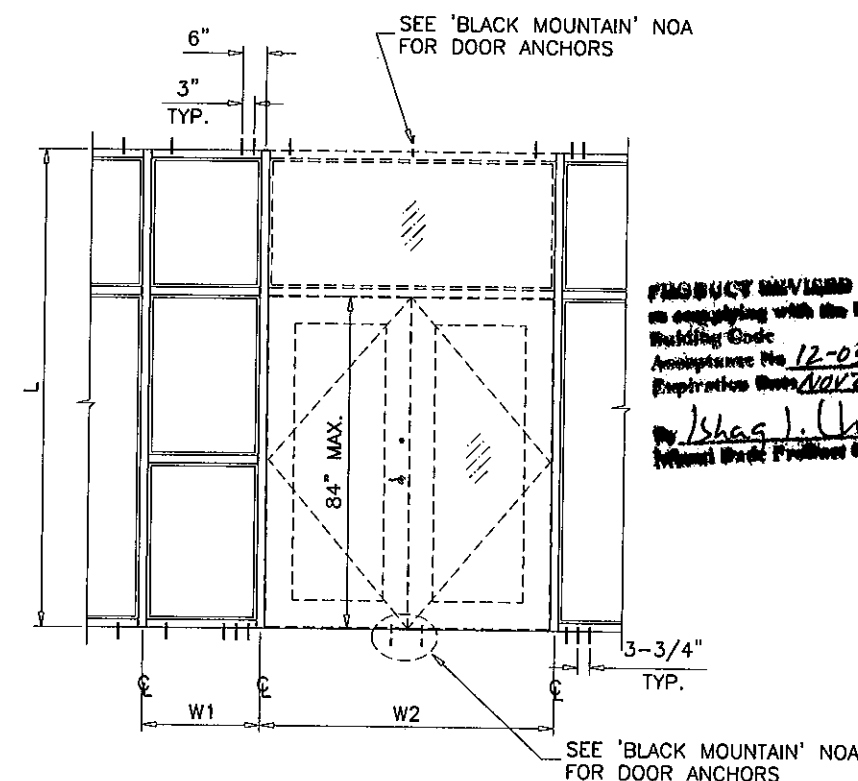
SEE 'BLACK MOUNTAIN' NOA
FOR DOOR ANCHORS

$$\text{WIDTH (W)} = \frac{W1}{2} + \frac{W2}{4}$$

SEE 'BLACK MOUNTAIN' NOA
FOR DOOR ANCHORS



$$\text{WIDTH (W)} = \frac{W1 + W2}{2}$$



$$\text{WIDTH (W)} = \frac{W1}{2} + \frac{W2}{4}$$

PRODUCT REVIEWED
in compliance with the Florida
Building Code
Amendment No. 12-0323.09
Expiration Date: NOV 24, 2017
By: Shag J. Usman
Miami-Dade Building Control

MULLION CAPACITY CHARTS

TO VERIFY GLASS OPTIONS AND CAPACITIES
SEE CHARTS ON SHEETS 3 & 4.

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538
SEP 05 2012

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
STORE W02-47FDC

FIREDOOR SERIES 1210 STEEL STOREFRONT SYS.
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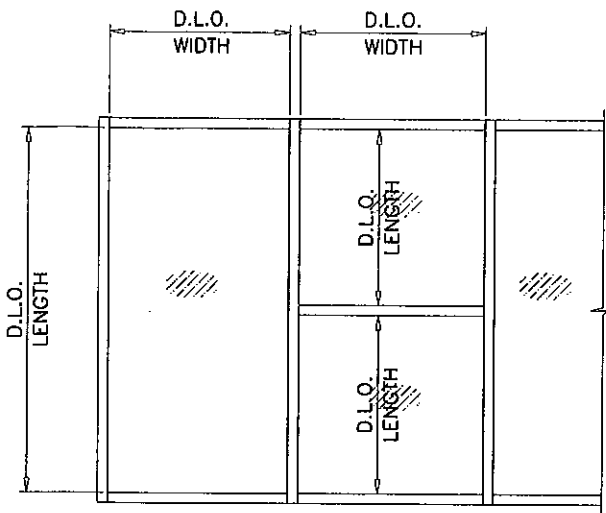
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		G	02.22.10		REV. PER BCCO COMMENTS
		H	03.15.12		UPDATED TO 2010 FBC
		I	07.27.12		REV. PER PERA COMMENTS
chk. by:					
drawing no.					
W02-47					
sheet 2 of 7					

GLASS DESIGN LOAD CAPACITY - PSF			
D.L.O. DIMS.		GLASS TYPE 'A1'	GLASS TYPES 'A2', 'A3' 'B1', 'B2', 'B3' 'C1', 'C2', 'C3'
D.L.O. WIDTH	D.L.O. LENGTH	EXT.(+)/INT.(-)	EXT.(+)/INT.(-)
18"	30-1/2"	75.0	75.0
21"		75.0	75.0
23-3/4"		75.0	75.0
27"		75.0	75.0
30-1/2"		75.0	75.0
36"		75.0	75.0
42"		75.0	75.0
48"		75.0	75.0
51"		75.0	75.0
18"	38-1/2"	75.0	75.0
21"		75.0	75.0
23-3/4"		75.0	75.0
27"		75.0	75.0
30-1/2"		75.0	75.0
36"		75.0	75.0
42"		75.0	75.0
48"		74.7	75.0
51"		69.4	75.0
18"	42"	75.0	75.0
21"		75.0	75.0
23-3/4"		75.0	75.0
27"		75.0	75.0
30-1/2"		75.0	75.0
36"		75.0	75.0
42"		75.0	75.0
48"		71.0	75.0
51"		65.4	75.0
18"	48"	75.0	75.0
21"		75.0	75.0
23-3/4"		75.0	75.0
27"		75.0	75.0
30-1/2"		75.0	75.0
36"		75.0	75.0
42"		71.0	75.0
48"		65.8	75.0
51"		60.7	75.0
18"	54"	75.0	75.0
21"		75.0	75.0
23-3/4"		75.0	75.0
27"		75.0	75.0
30-1/2"		75.0	75.0
36"		68.6	75.0
42"		61.6	75.0
48"			
51"			
18"	60"	75.0	75.0
21"		75.0	75.0
23-3/4"		75.0	75.0
27"		74.1	75.0
30-1/2"		68.1	75.0
36"		60.8	75.0
42"			
48"			
51"			

GLASS DESIGN LOAD CAPACITY - PSF			
D.L.O. DIMS.		GLASS TYPE 'A1'	GLASS TYPES 'A2', 'A3' 'B1', 'B2', 'B3' 'C1', 'C2', 'C3'
D.L.O. WIDTH	D.L.O. LENGTH	EXT.(+)/INT.(-)	EXT.(+)/INT.(-)
18"	65-1/2"	75.0	75.0
21"		75.0	75.0
23-3/4"		74.0	75.0
27"		65.1	75.0
30-1/2"		60.7	75.0
36"	70-1/2"	56.2	75.0
18"		75.0	75.0
21"		75.0	75.0
23-3/4"		68.5	75.0
27"		60.1	75.0
30-1/2"		55.9	75.0
18"	72"	75.0	75.0
21"		75.0	75.0
23-3/4"		67.2	75.0
27"		59.1	75.0
30-1/2"		54.4	75.0
18"	78"	75.0	75.0
21"		75.0	75.0
23-3/4"		63.8	75.0
27"		55.9	75.0
30-1/2"		50.1	75.0
18"	80-1/2"	75.0	75.0
21"		74.4	75.0
23-3/4"		62.7	75.0
27"		54.7	75.0
30-1/2"		49.1	75.0

VALUES SHOWN ABOVE ARE MAXIMUM
DAYLITE OPENING DIMS. FOR GLASS.
CONSULT WITH CHARTS AT SHEET 2
FOR MULLION CAPACITY.

GLASS CHARTS



NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-04 (3 SEC. GUSTS).

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538
SEP 05 2012

afc

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978

STORE\W02-47FDC

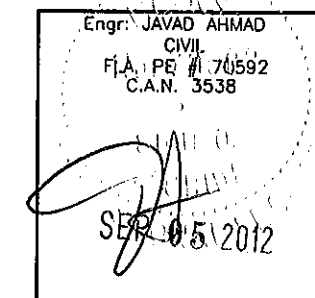
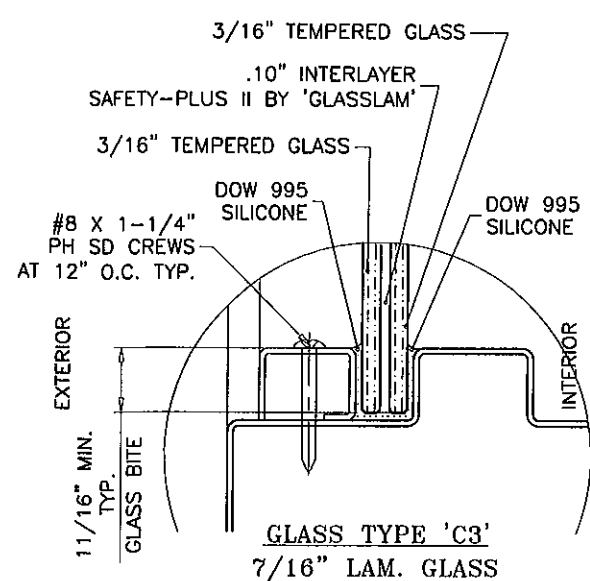
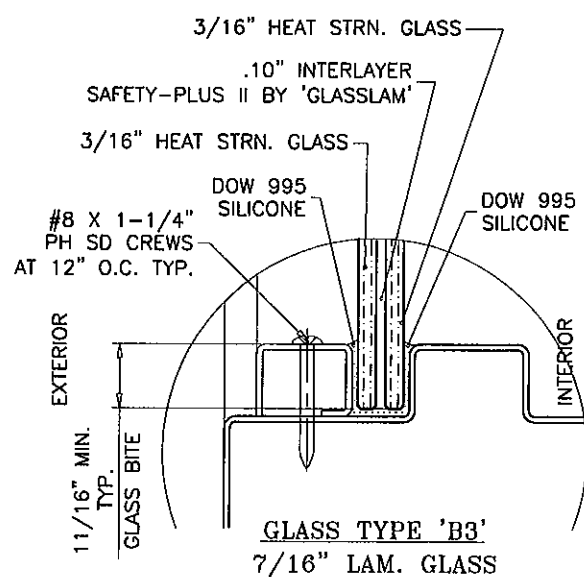
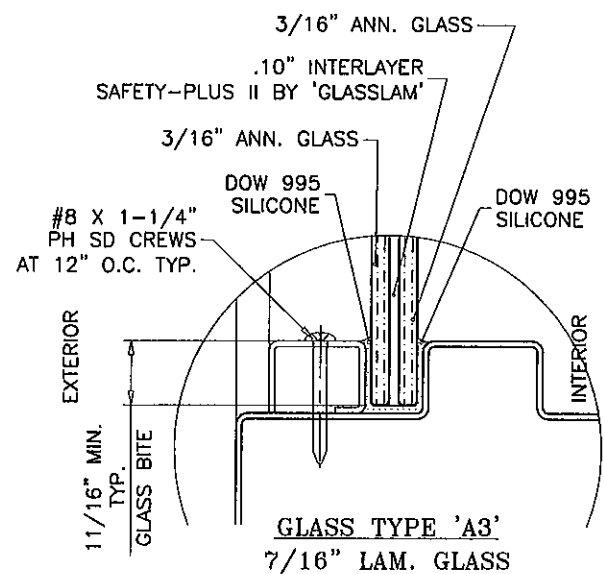
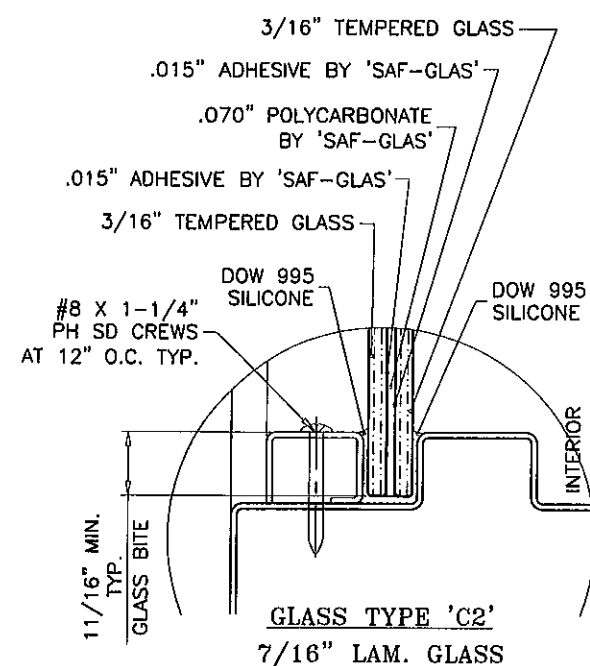
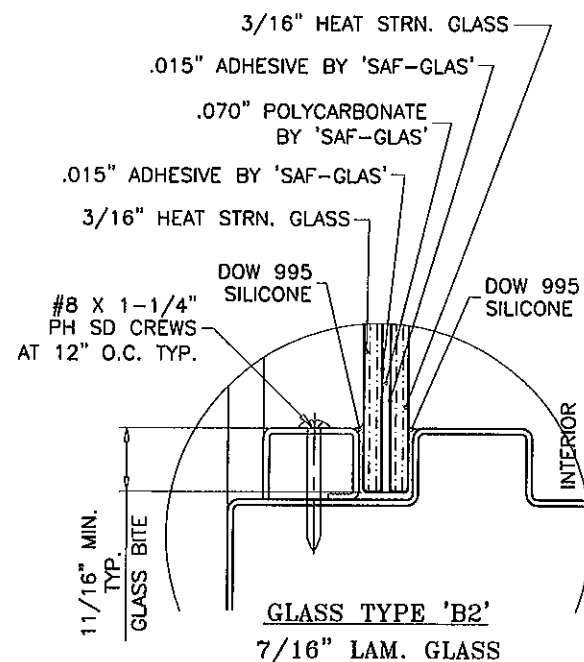
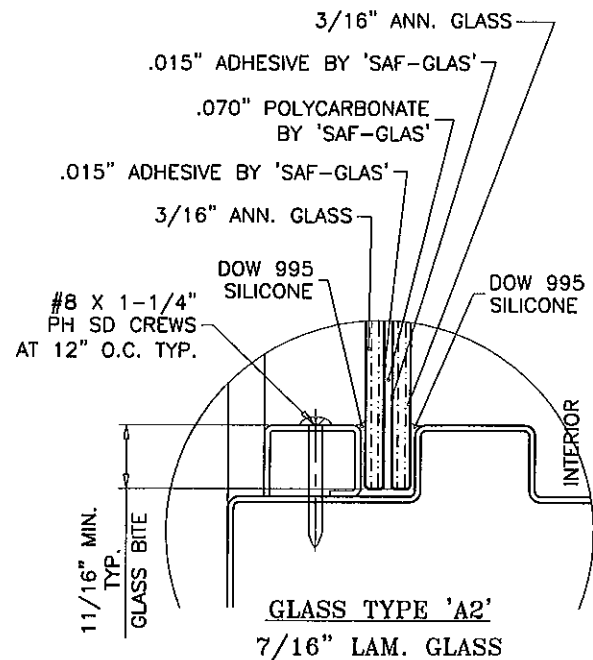
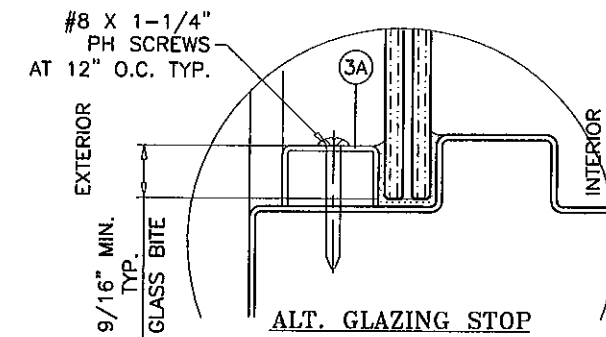
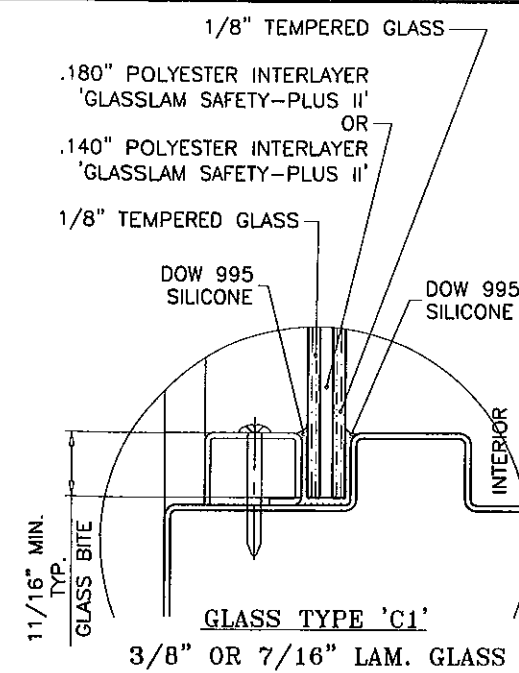
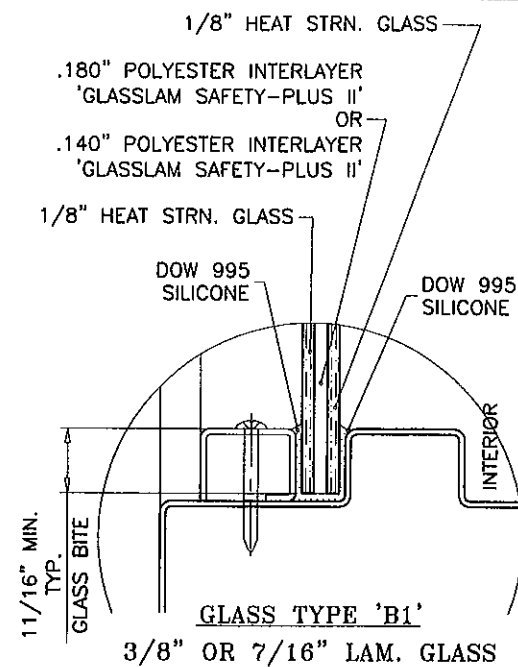
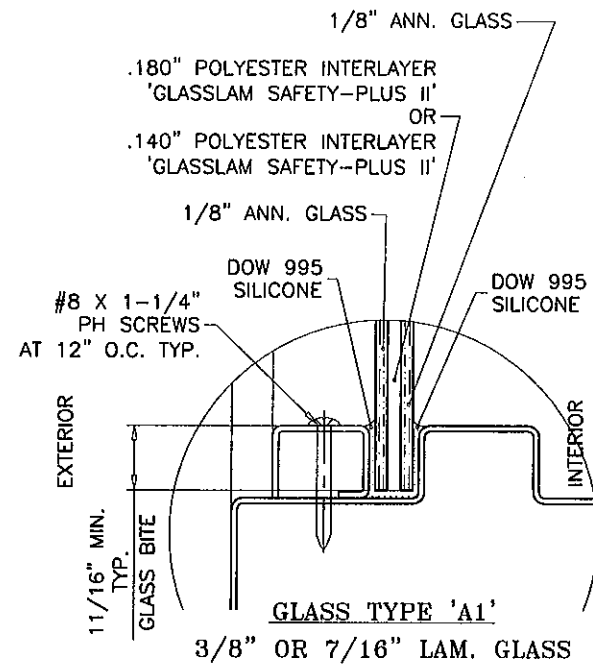
FIREDOOR SERIES 1210 STEEL STOREFRONT SYS.
BLACK MOUNTAIN DOOR, LLC.
310 FLINT DRIVE
MT. STERLING, KY 40353
TEL. (855) 370-4580 FAX. (859) 762-0852

PRODUCT REVISION
in compliance with the Florida
Building Code
Acceptance No. 12-0323-09
Expiration Date 11/21/2017
By: J. L. Chaudhary
Internal Use: Product Control

no.	date	by	description
E	08.16.07		GLAZING OPTIONS ADDED
F	06.08.09		UPDATED FOR 2007 FBC
G	02.22.10		NO CHANGE THIS SHEET
H	03.15.12		UPDATED TO 2010 FBC
I	07.27.12		NO CHANGE THIS SHEET

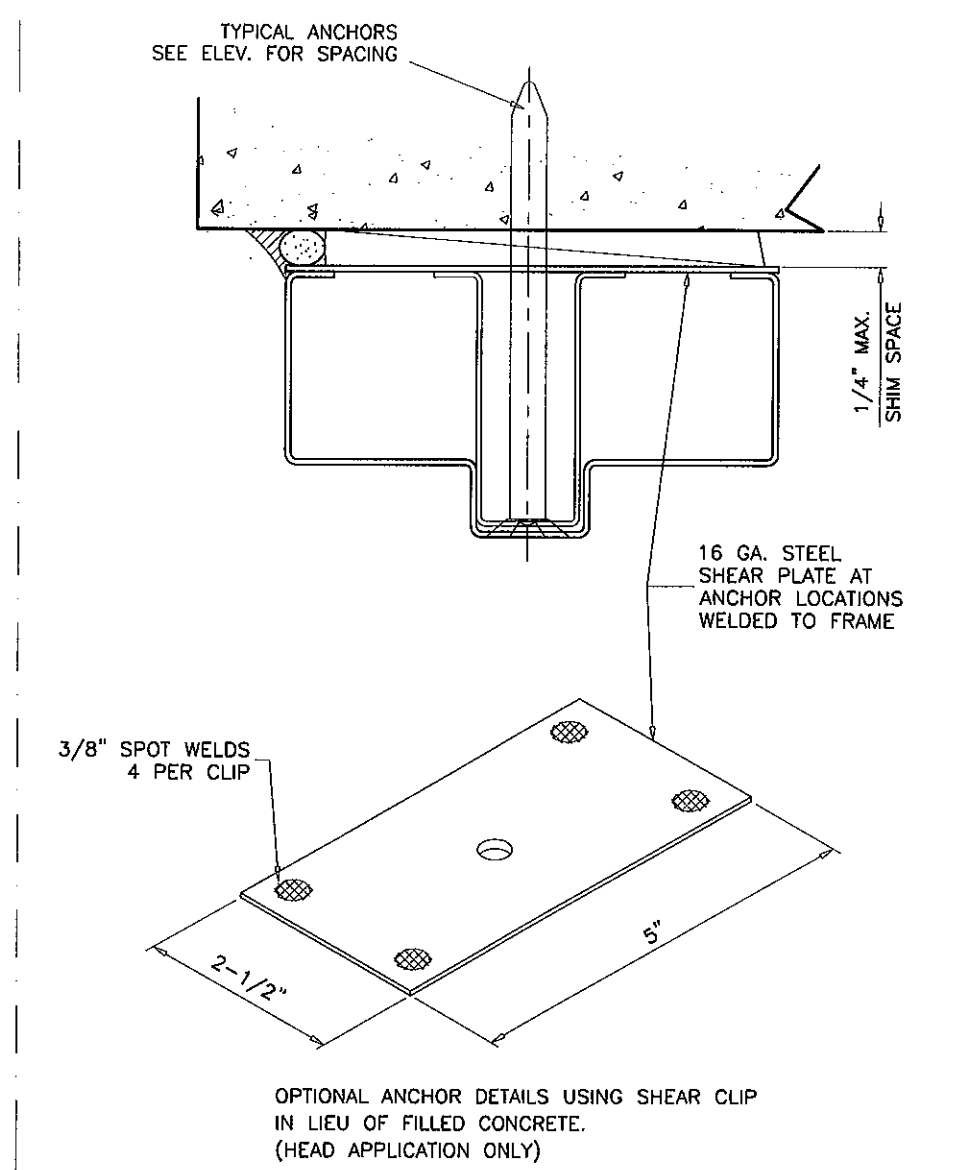
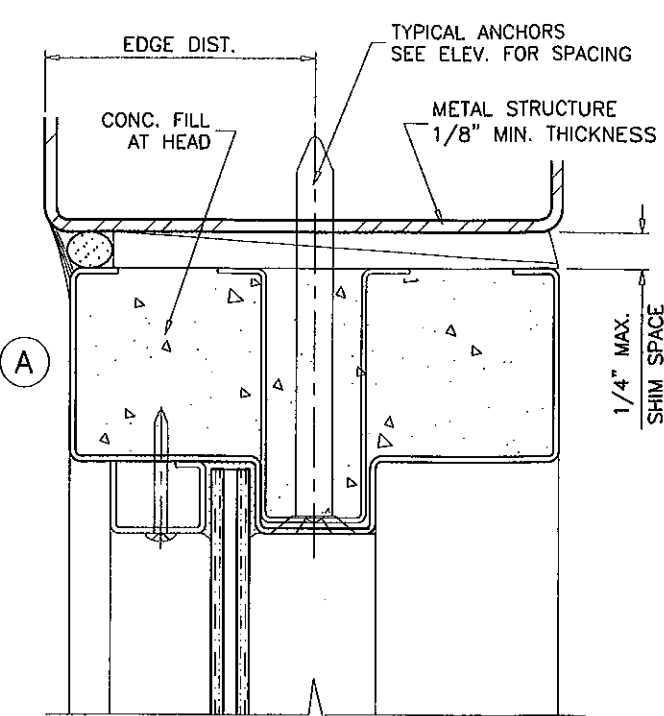
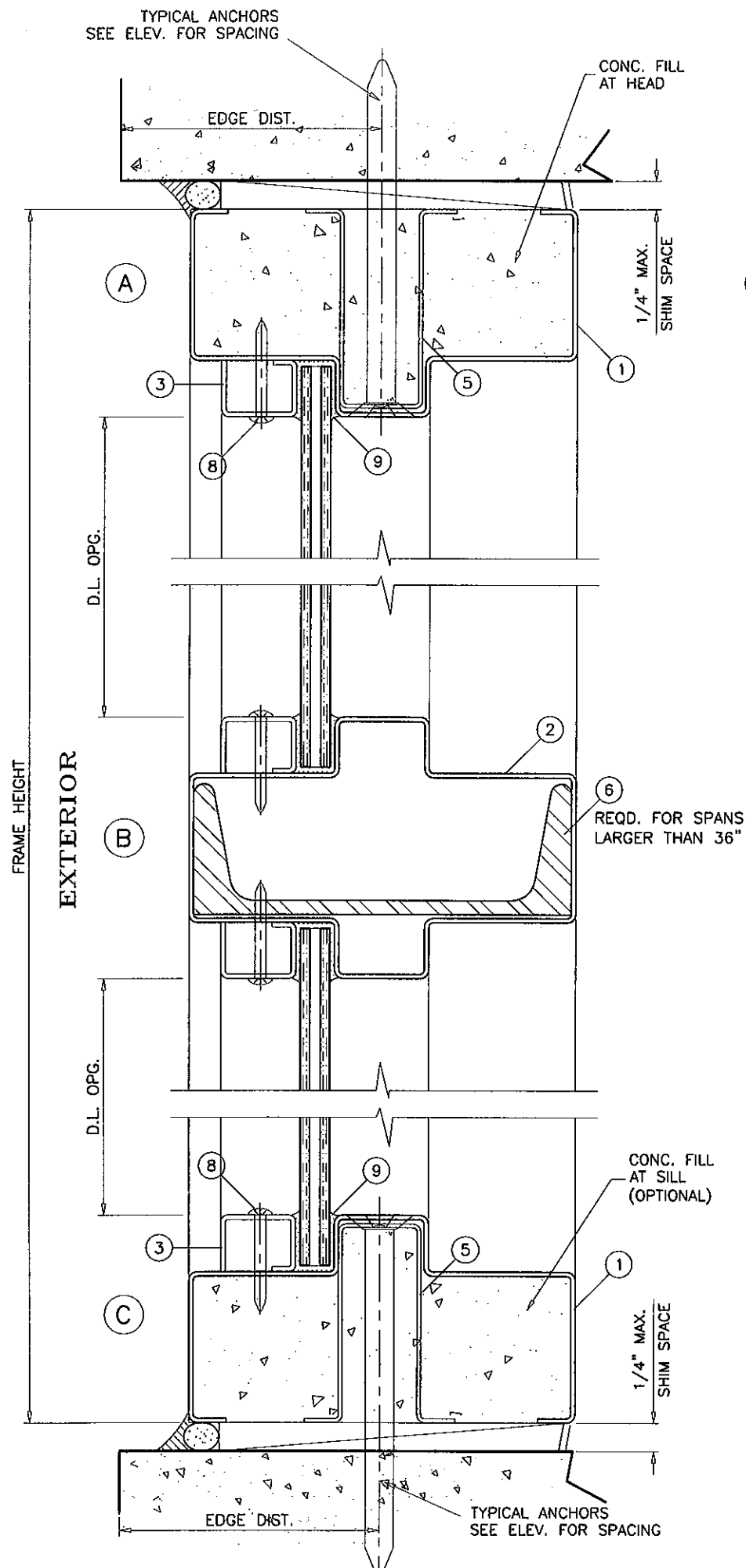
date: 05-13-02
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

drawing no.
W02-47
sheet 3 of 7



PRODUCT REVISED
in compliance with the Florida
Building Code
Acceptance No. 12-0323.05
Expiration Date NOV 21, 2017
By: [Signature]
Miami Door/Product Control

AL-FAROOQ CORPORATION ENGINEERS & PRODUCT DEVELOPMENT 1235 S.W. 87 AVE MIAMI, FLORIDA 33174 TEL. (305) 264-8100 FAX. (305) 262-6978 STORE W02-47FDC																			
FIREDOOR SERIES 1210 STEEL STOREFRONT SYS. BLACK MOUNTAIN DOOR, LLC. 310 FLINT DRIVE MT. STERLING, KY 40353 TEL. (855) 370-4580 FAX. (859) 762-0852																			
Revisions: <table border="1"> <thead> <tr> <th>no</th> <th>date</th> <th>description</th> </tr> </thead> <tbody> <tr> <td>E</td> <td>08.16.07</td> <td>GLAZING OPTIONS ADDED</td> </tr> <tr> <td>F</td> <td>06.08.09</td> <td>UPDATED FOR 2007 FBC</td> </tr> <tr> <td>G</td> <td>02.22.10</td> <td>NO CHANGE THIS SHEET</td> </tr> <tr> <td>H</td> <td>03.15.12</td> <td>UPDATED TO 2010 FBC</td> </tr> <tr> <td>I</td> <td>07.27.12</td> <td>NO CHANGE THIS SHEET</td> </tr> </tbody> </table>	no	date	description	E	08.16.07	GLAZING OPTIONS ADDED	F	06.08.09	UPDATED FOR 2007 FBC	G	02.22.10	NO CHANGE THIS SHEET	H	03.15.12	UPDATED TO 2010 FBC	I	07.27.12	NO CHANGE THIS SHEET	date: 05-13-02 scale: 1/2"=1'-0" dr. by: HAMID chg. by: drawing no. W02-47 sheet 4 of 7
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TYPICAL ANCHORS: SEE ELEV. FOR SPACING

3/8" DIA. HLC CARBON STEEL SLEEVE ANCHOR BY 'HILTI'
 DIRECTLY INTO CONCRETE OR MASONRY
 1-5/8" MIN. EMBED INTO CONCRETE
 1-5/8" MIN. EMBED INTO MASONRY (© JAMBS ONLY)
 3-1/2" MIN. EDGE DISTANCE INTO CONC.
 4" MIN. EDGE DISTANCE INTO MASONRY

3/8" DIA. SMS OR MACHINE BOLTS (GRADE 2 CRS)
 INTO METAL STRUCTURES (STEEL OR ALUMINUM 1/8" MIN. THICK.)
 STEEL : $F_y = 36$ KSI MIN.
 ALUMINUM : 6063-T5 MIN.
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

CONCRETE $f'_c = 3000$ PSI MIN.
 C-90 FILLED MASONRY BLOCK $f'_m = 2000$ PSI MIN.

NOTE:
 HEAD & SILL ANCHORED TO CONCRETE.
 JAMBS CAN BE ANCHORED TO MASONRY BLOCKS.

Engr: JAYAD AHMAD
 CIVIL
 FLA. PE # 70592
 C.A.N. 3538
 SEP 05 2012

PRODUCT REVISION
 in compliance with the Florida
 Building Code
 Acceptance No. 12-0323-09
 Expiration Date Nov 24, 2017
 By: Ishag L. Chaudhry
 Miami Dist. Product Control

AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 1235 S.W. 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978

STORE W02-47DC

FIREDOOR SERIES 1210 STEEL STOREFRONT SYS.
BLACK MOUNTAIN DOOR, LLC.
 310 FLINT DRIVE
 MT. STERLING, KY 40353
 TEL. (855) 370-4580 FAX. (859) 762-0852

no	date	by	description
E	08.16.07		NO CHANGE THIS SHEET
F	06.08.09		UPDATED FOR 2007 FBC
G	02.22.10		REV. PER BCCO COMMENTS
H	03.15.12		UPDATED TO 2010 FBC
I	07.27.12		NO CHANGE THIS SHEET

date: 05-13-02
 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:

drawing no.
W02-47
 sheet 5 of 7

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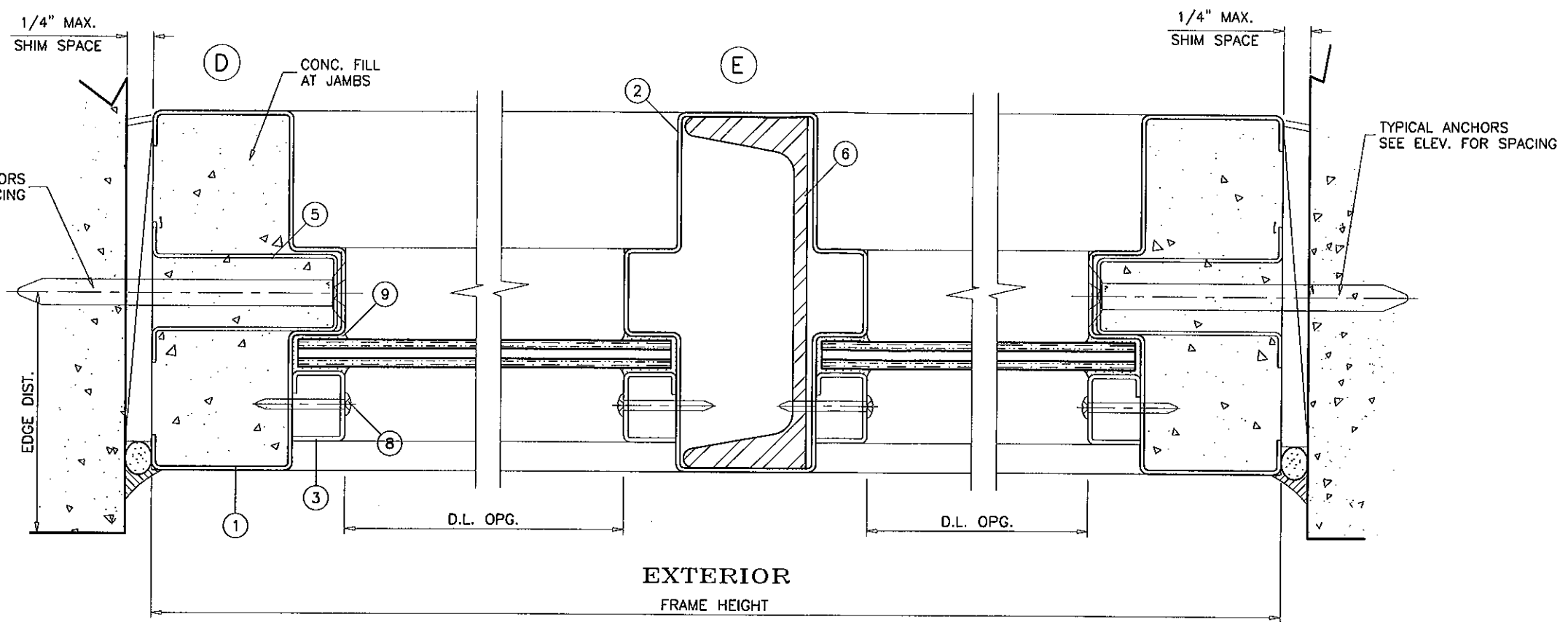
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dr. by:	HAMID
chk. by:	

drawing no.	W02-47
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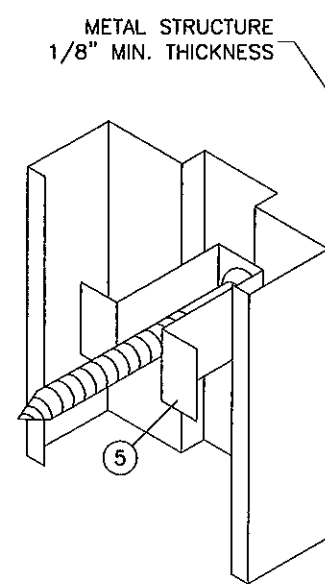
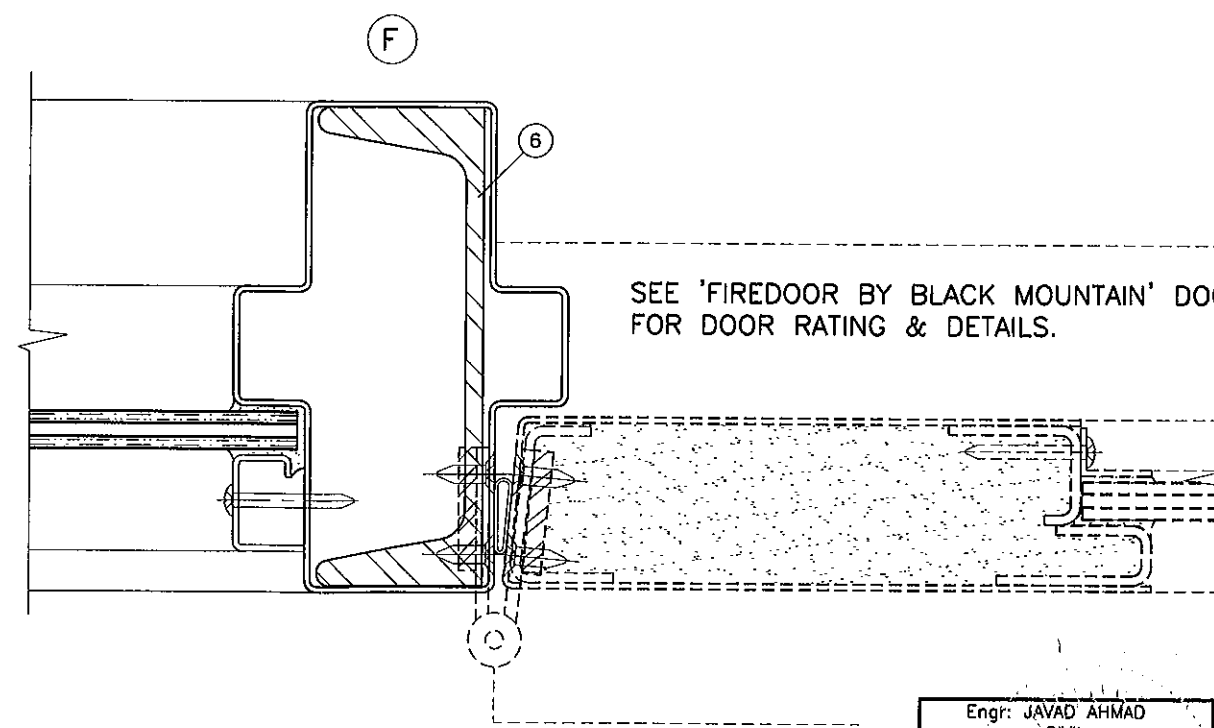
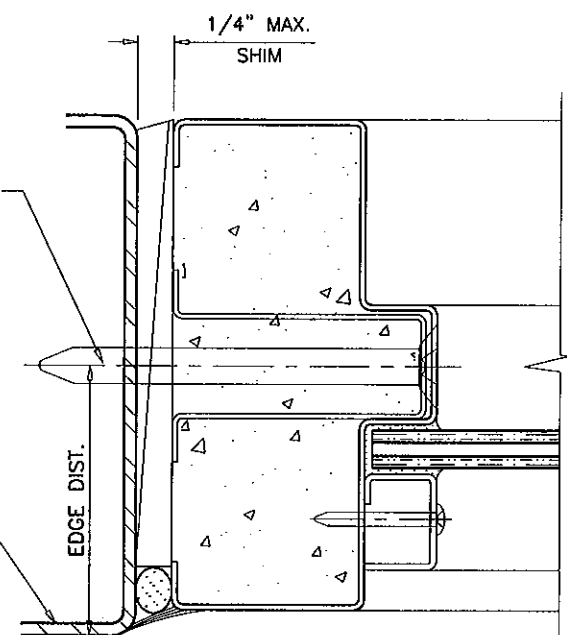
PRODUCT REVISED
 in compliance with the Florida Building Code
 Acceptance No. 12-0323-09
 Expiration Date 11/21/2017
 By *Ismael I. Chang*
 Miami Door Product Control

SEE 'FIREDOOR BY BLACK MOUNTAIN' DOOR NOA FOR DOOR RATING & DETAILS.

Engr: JAVAD AHMAD
 CIVIL
 FLA. PE # 70592/
 C.A.N. 3538
 SEP 08 2012



EXTERIOR
 FRAME HEIGHT

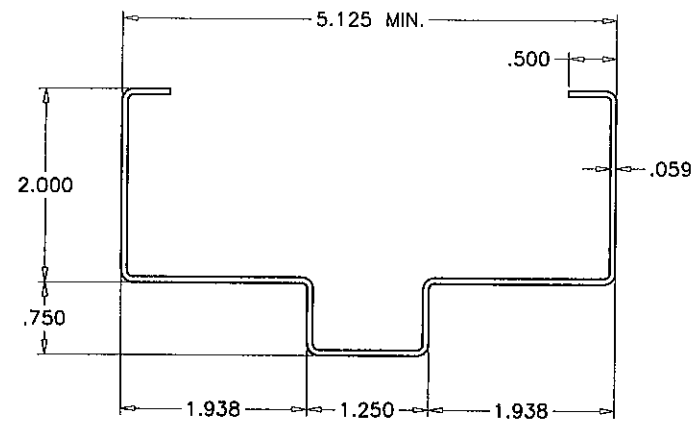


METAL STRUCTURE
 1/8" MIN. THICKNESS

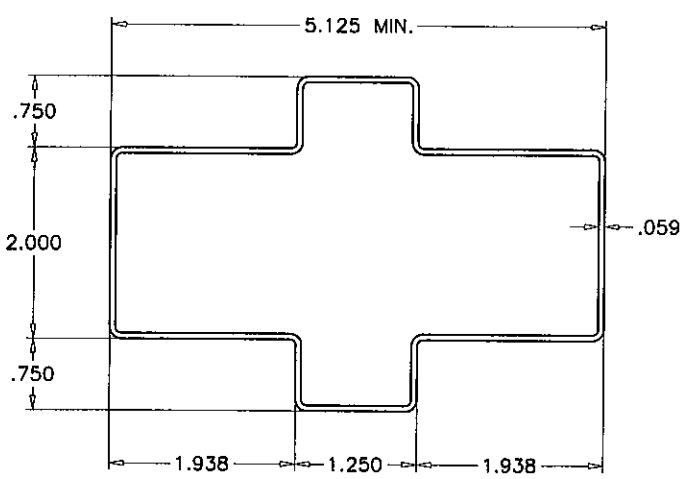
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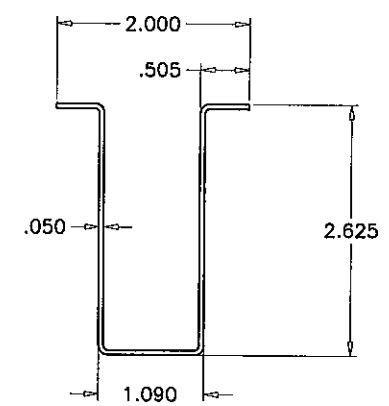
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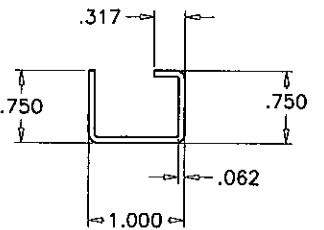
FRAME HEAD/JAMB/SILL



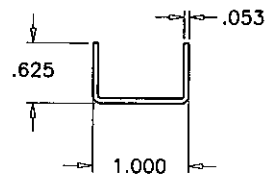
FRAME HORIZONTAL/VERTICAL



ANCHOR SPACER

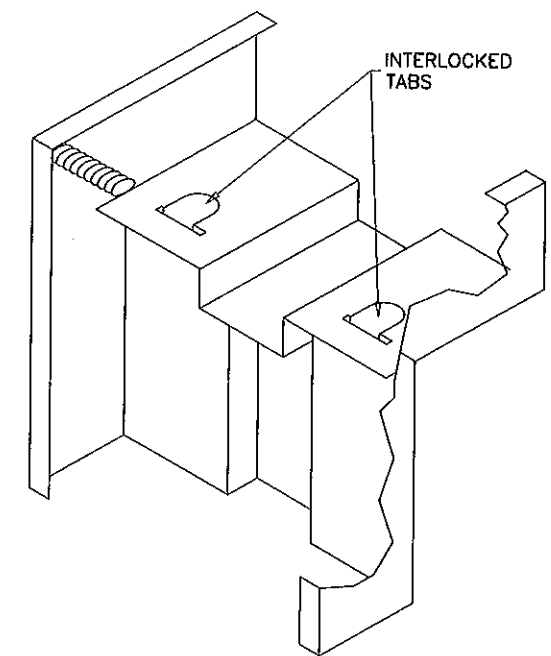
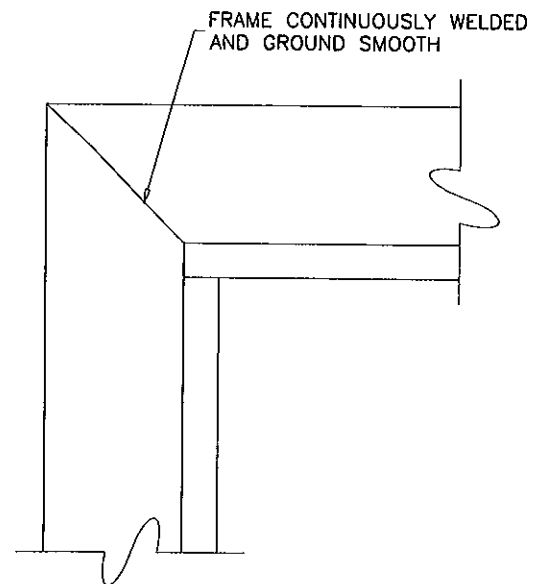


GLAZING STOP



ALT. GLAZING STOP

ITEM NO.	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	-	AS REQD.	FRAME HEAD/SILL/JAMB	STEEL	16 GA. FORMED (.058") MIN. Fy = 41,000
2	-	AS REQD.	FRAME MULLION/HORIZONTAL	STEEL	16 GA. FORMED (.058") MIN. Fy = 45,000
3	-	AS REQD.	GLAZING STOP	STEEL	16 GA. FORMED
3A	-	AS REQD.	ALT. GLAZING STOP	STEEL	16 GA. FORMED
5	-	1/ ANCHOR	ANCHOR SPACER	STEEL	18 GA.
6	C5 X 6.7	AS REQD.	REINFORCING CHANNEL	STEEL	1-3/4" X 5"
8	#8X1-1/4"	AS REQD.	GLAZING STOP SCREWS	-	AT 3" FROM ENDS & 12" O.C.
9	DOW 995	AS REQD.	GLAZING COMPOUND	SILICONE	-



FRAME CORNERS

PRODUCT REVISED
to comply with the Florida
Building Code
Acceptance No 12-0323.09
Expiration Date 12/24/2017
By 1/5/2017
Product Control

Engr: JAVAD AHMAD
CIVIL
FLA. PE # 70592
C.A.N. 3538
SEP 05 2012

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